

ABSTRACT OF THE DISCLOSURE

A combination or hybrid pressure relief and topping valve for use with inflatable devices such as life rafts and escape slides. The valve including a valve body with a fluid passage therein that includes an internal shoulder. The valve further includes a first poppet with a seal seated therein where the first poppet is biased against the shoulder by a first spring. The first poppet and seal further having an aperture therein. The valve also includes a second poppet biased into the aperture by a second spring. The combination of poppets, springs and the seal provide for a neutral mode where the valve is sealed, a topping mode where fluid is allowed to pass through the valve and into an inflatable device sealed to one end of the valve, and a pressure relief mode where fluid is released from the inflatable device to the atmosphere when overpressure within the inflatable device exists.